

In the Claims:

Please substitute claim 1 with the following claim:

(AMENDED)

Sub 2 >
A2
1. An assemblage of corn seeds having a mean saturate content of less than about 7.0%, a mean oleic acid content of at least 64.9%, and a mean linoleic acid content of 27.4% or less, by weight relative to the total fatty acid content of said seed.

Please substitute claim 4 with the following claim:

(AMENDED)

Sub 3 >
4. The assemblage of corn seeds according to claim 1, said seeds being obtained from a plant or plants belonging to a corn line selected from the group consisting of LS0417 (ATCC Accession No. PTA-1397), LS1498 (ATCC Accession No. PTA-1396), LS288, or sublines produced therefrom.

Please substitute claim 5 with the following claim:

(AMENDED)

A3
Sub 3 >
5. The assemblage of corn seeds according to claim 4, wherein said seeds are obtained from a plant or plants belonging to the LS1498 (ATCC Accession No. PTA-1396) corn line, or sublines produced therefrom.

Please substitute claim 6 with the following claim:

(AMENDED)

Sub 4 >
6. A corn plant that produces seeds having a mean saturate content of less than about 7.0%, a mean oleic acid content of at least 64.9%, and a mean linoleic acid content of 27.4% or less, by weight relative to the total fatty acid content of said seeds.

Please substitute claim 10 with the following claim:

(AMENDED)

Sub 5 >
A4
10. The corn plant according to claim 6, wherein said corn plant belongs to a corn line selected from the group consisting of LS1498 (ATCC Accession No. PTA-1396), LS288, and LS0417 (ATCC Accession No. PTA-1397), or sublines produced therefrom.

Please substitute claim 11 with the following claim:

(AMENDED)

Sub 6 >
11. The corn plant according to claim 10, wherein said corn plant belongs to the LS1498 (ATCC Accession No. PTA-1396) corn line.

Please substitute claim 16 with the following claim:

- Sub Bp >*
a5
- ~~(amended)~~
16. A method for producing low saturate corn material, comprising the steps of:
- (a) obtaining a plurality of corn seeds having a mean saturate content of less than about 7.0%, a mean oleic acid content of at least 64.9%, and a mean linoleic acid content of 27.4% or less;
 - (b) growing out said plurality of corn seeds to obtain a population of corn plants;
 - (c) intermating plants comprising said population to produce first seeds;
 - (d) subjecting said first seeds to selection based on saturate content, such that a predetermined saturate percentage of said first seeds is retained and plants grown from said predetermined percentage of seeds are intermated to produce second seeds; and
 - (e) with said second seeds obtained, repeating steps (b), (c), and (d) at least once, whereby plants producing seeds that have a mean saturate content of less than about 7.0% by weight are obtained.

Please cancel claims 12-15 and 17 without prejudice.